**Index of Claims** 

Application/Control I	٧o.
-----------------------	-----

10/663,698

Examiner

B. Chen

Applicant(s)/Patent under Reexamination

CHANG ET AL.

Art Unit

1762

7	Rejected
1	Allowed

	_	(Through numeral) Cancelled
--	---	--------------------------------

Restricted

Z	Non-Elected
_	Interference

A	Appeal
0	Objected

			_				,		_		
Cla	im	Date									
Final	Original										
	1	V									
	2	٧									
	3	V									
	4_	V	<u> </u>		<u> </u>	_		<u> </u>	L	Ш	
	1 2 3 4 5 6	V	L.	<u> </u>	L	<u> </u>	<u>_</u>	<u> </u>	<u> </u>	$\sqcup$	
	6	V	<u> </u>	<u> </u>	_	┡	<u> </u>	┞_	<b>├</b>	Ш	
<u> </u>	7 8	l.	H	<u> </u>	-	┝	<u> </u>	┡	⊬	$\vdash$	
<u> </u>	9	l.	$\vdash$	<u> </u>	⊢	┝	-	-	├	$\vdash$	
	10	V	_	-	├	├	$\vdash$	┢	<u> </u>	Н	
	11	V	H	-	⊢	$\vdash$	-	-	⊢	Н	
	12	Ň	-	-	├	$\vdash$	├─	╁─	┢	Н	
	11 12 13 14 15 16 17	Ÿ	-	┝	╁	╁─	-	H	H	$\vdash$	
	14	v		-		<del>                                     </del>		r	┢╌	hП	
	15	V				<u> </u>			İ	М	
	16	N					<u> </u>			П	
	17	٧									
	18 19	> z > z > z > z									
	19	٧									
L	20	N	Ш								
	21	٧			_	<u>L</u>	_	L	L.		
<u> </u>	22	N						_	_	Щ	
ļ	20 21 22 23 24	٧		_	_	<u> </u>	<u> </u>	_	_	Щ	
	25	=			<u> </u>	-	L	<u> </u>	$\vdash$	Н	
	25	= V			-	_	⊢	-	⊢	Н	
	27	ľ	-		-	-		$\vdash$		Н	
	28	-	-		-	┢	-	-		H	
	26 27 28 29 30 31			_		H		┢╌	$\vdash$	Н	
	30				<u> </u>			<u> </u>	┢	Н	
	31								T	П	
	32					Г				П	
	32 33										
	34										
	35				Ĺ		<u> </u>	L	ـــــــــــــــــــــــــــــــــــــــ	Ш	
$oxed{oxed}$	36				L	<u> </u>	_	<u> </u>	L.	ᆈ	
ļ	37 38	Ш	Ш		<u> </u>	<u> </u>	_	<u> </u>	L_	Щ	
$\sqcup$	38		Щ	_	_	$\vdash$	_	<u> </u>	L	Ц	
	39	Щ		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	Н	
	40	Н	$\vdash\dashv$		$\vdash$		<u> </u>	├—	⊢-	$\vdash \vdash$	
	42	$\vdash$			<del> </del>	_	$\vdash$	-	$\vdash$	H	
	43	Н	$\dashv$			$\vdash$	-	H	$\vdash$	Н	
	44	$\vdash$				-	H	H	┝	Н	
	45	$\vdash$	-		-	$\vdash$		H	H	Н	
	46	Н	$\neg$		$\vdash$	$\vdash$			$\vdash$	Н	
	47	$\Box$	$\neg$			Г				Н	
	48							Т		Н	
	49									П	
	50		$\neg$			Г				М	

The color of the	Cla	im	Γ				Dat	e				] [	Cla	im	Γ				Date	=			_
1 V			10									1											
1 V	3	ig.	١ĕ		l								ᅙ	ina ina									
1 V	:	Ē	8										造	·Ē									
3   V	i	0	=			ŀ								0		ı							
3   V		1	V			T		T		$\vdash$		1 1		51	П				<u> </u>				
3   V		2									T	1 1		52					Т				
A   V	-	3		<u> </u>		T	<u> </u>	1	$\vdash$	1	<b>†</b> "	1 1		53					H	$\vdash$			
5	_	4		<del> </del>	t	<del>                                     </del>	H	1-	1	$\vdash$	<del>                                     </del>	1 1		54	П			_	$\vdash$				
6	_	5			Н	1	一		╁╌	┰	┢	1 1		55	Н								
7   V     8   V     9   V     10   V     11   V     12   N     13   V     14   V     15   V     16   N     17   V     18   N     19   V     20   N     21   V     22   N     23   V     24   =     25   =     26   V     27   76     28   78     30   80     31   82     33   83     34   84     35   86     37   88     89   90     40   90     44   94     45   96     97   98     99   99	$\neg$	6		-	<del>                                     </del>	<del> </del>	┢		╁╌	<del>  -</del>	<del>                                     </del>	1 1		56	Н	_			$\vdash$	-	_	_	
S	$\dashv$	7		$\vdash$		$\vdash$	H	t	╁╴	├	$\vdash$	1 1		57		_		_					
9    V	$\exists$	ᇂ		$\vdash$	$\vdash$	H		H	$\vdash$	十	-	1 1		58	Н			_	$\vdash$		$\vdash$		
10   V	$\dashv$			$\vdash$		┪	-	┢	<del> </del>	╁╌	<del> </del>	1 1	$\dashv$	59	$\dashv$		_	_	┢─╴	-	-		
11	-			$\vdash$	1-	╁	-	╁	╁	<u> </u>	$\vdash$	1 1	-+	60	$\vdash$			_	$\vdash$	$\vdash$			$\dashv$
12   N	$\dashv$				<del> </del>	╁	$\vdash$	$\vdash$	-	┢	一	1		61	$\dashv$		.,	-	┢┈	Н	$\dashv$		$\dashv$
13   V	$\dashv$			-	├		$\vdash$	├─	╁	$\vdash$	<del>                                     </del>	1 1		62			_		┝				=
14   V	┥	13	₩	-	├─	╁─	-	╁	H	╁	╁	1 1		63	$\vdash$	$\dashv$			H				-
15   V	┪	14		-	H	┢	H	╁	┢╌	┢╌	-	1 1	-	64	$\vdash$	$\dashv$		$\vdash$	$\vdash$		-	-	$\dashv$
16 N   17 V   66   67     118 N   68   69     19 V   70   71     20 N   71   72     23 V   73   74     25 =   75   76     26 V   76   77     28   79   78     29   79   80     30   81   82     33   83   83     34   84   84     35   86   86     37   88   89     40   90   91     41   91   92     43   94   94     45   96   97     48   99   99	$\dashv$	15		-	┢╌	$\vdash$		$\vdash$	┢	┢	┢	1 }		65	$\vdash$	-		_	$\vdash$		-	-	$\dashv$
17 V 67 68 68 69 70 70 71 71 72 72 73 73 74 74 74 74 75 75 75 75 76 76 77 77 77 77 77 77 77 77 77 77 77	$\dashv$	16				⊢	├	├	⊢	⊢	$\vdash$	1 }		66	Н	-		-				-	$\dashv$
18 N   68   69     20 N   70     21 V   71     22 N   72     23 V   73     24 =   74     25 =   75     26 V   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   88     39   90     41   91     42   92     43   94     44   94     45   96     46   96     47   98     99   99	-	17	V		-	┢╌	┢	╁╌	╁─	$\vdash$	┢	{		67	$\dashv$	$\dashv$				-	-		
19 V	-			_	-	$\vdash$	$\vdash$	┢	├	-	├	{			$\dashv$	$\dashv$		_	_	-	_	_	$\dashv$
20 N   70     21 V   71     22 N   72     23 V   73     24 =   74     25 =   75     26 V   76     27   77     28   79     30   80     31   81     32   83     33   84     35   85     36   86     37   88     38   88     39   89     40   90     41   91     42   92     43   94     44   94     44   94     45   96     47   97     48   99	$\dashv$	10		_	-	-	-	├	-		$\vdash$	┧	-	60	$\dashv$	-							-
21 V   71     22 N   72     23 V   73     24 =   74     25 =   75     26 V   76     27   77     28   79     30   80     31   81     32   82     33   84     35   85     36   86     37   88     39   88     40   90     41   91     42   92     43   94     44   94     45   96     46   96     47   97     48   98     49   99	ᅱ			_	-	⊢	-	├	┥	-	$\vdash$	1 1		70	$\dashv$	$\dashv$	-		_				$\dashv$
22 N   72     23 V   73     24 =   74     25 =   75     26 V   76     27	┥	20		-	-	⊢	⊢	┢	⊢	├	⊢	┨		70	$\dashv$	ᅱ							ᅴ
23   V   73   74     24   =   75   75     26   V   76   77     28   78   78   79     30   80   81   81     31   81   81   81     32   82   83   83     33   84   84   84     35   85   85   86     37   87   88   88     39   89   90   90     41   91   92   93     43   94   94   94     45   96   96   97     48   98   99   99	$\dashv$			_	-	-	⊢	├-	⊢		-	1 1	$\rightarrow$	71	$\vdash$			_	H	_	-		$\dashv$
24 =   74     25 =   75     26 V   76     27     77     28     77     29     79       30     80       31     81       32     82       33     83       34     84       35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     94       44     94       45     96       47     97       48     98       49     99	$\dashv$	22			-				-	┞	-	{ }			$\vdash$	$\dashv$			_				$\dashv$
25 =   75     26 V   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	-	23			$\vdash$				⊢	-	⊢	{ }		73	$\dashv$	$\dashv$					-		$\dashv$
26   V   76   77     28   78   78     29   79   80     30   81   81     32   82   83     33   84   84     35   85   86     37   87   88     39   89   90     40   90   90     41   91   92     43   94   94     45   96   97     48   98   99	$\dashv$	24	_		$\vdash$	_		H	⊢	⊢	-	<del></del>	_		-		-	-	-	_			-
27   28   77   78     29   79   80   81     30   81   82   83     31   82   83   84     35   85   85   86     37   87   88   88     39   88   89   90     40   90   90   91     41   91   92   92     43   94   95   96     47   97   98   98     49   99   99   99	-					-	_	H	-	├-	⊢	}			-	-	_						
28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   90     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	-	20	v		-	-	-		<u> </u>		-			70	$\dashv$	$\dashv$	_					_	_
29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   90     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	┥				-	-			-	-	<u> </u>	▎▕			$\dashv$	$\dashv$					_	_	$\dashv$
30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	4	20		_	<u> </u>	⊢	$\vdash$	├	├	⊢		<b>I</b> ⊦		78		-	-						
31   81     32   82     33   83     34   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99	$\dashv$	29		_	┝		-	<del> </del>	-	├	<del> </del>	l		79		$\dashv$	-		_		$\vdash$	-	
32   82     33   83     34   84     35   85     36   86     37   88     38   87     38   88     39   90     41   91     42   92     43   94     44   94     45   95     46   96     47   97     48   98     49   99	-				-	_		<u> </u>	<del> </del>	├—	<del> </del>	<b>!</b> ⊦			_				_			-	
33   83     34   84     35   85     36   86     37   88     38   87     38   88     39   89     40   90     41   91     42   92     43   94     44   94     45   95     46   96     47   97     48   98     49   99	-	31			┝	├	├-		-	┝	<u> </u>	-				-			_				4
34   84     35   85     36   86     37   88     38   87     39   88     40   90     41   91     42   92     43   93     44   94     45   96     47   97     48   98     49   99	$\dashv$	32			├		├	⊢	<u> </u>	<del> </del>	<u> </u>	-		82							$\dashv$	$\dashv$	႕
35   85     36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	-				┡	⊢	<u> </u>	<u> </u>		├-	<u> </u>	-					_		$\vdash$	-	_	_	_
36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	+	34			<u> </u>	<u> </u>	<u> </u>	-		<u> </u>	<u> </u>	H		84	-			_		$\dashv$	-	$\dashv$	_
37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	4				-	<u> </u>	-	-		<u> </u>		l  -				-	_		$\blacksquare$	-		-	괵
38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	4		$\dashv$		<u> </u>	$\vdash$	<u> </u>	$\vdash$	-	<u> </u>	<u> </u>	-	}		$\dashv$		_	_	Ш		$\dashv$	$\dashv$	$\dashv$
39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99	4	3/	-		<u> </u>	$\vdash$	<u> </u>	$\vdash$	⊢-	-	<u> </u>					_			$\vdash$	$\dashv$	$\dashv$	$\dashv$	
40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	$\dashv$	30	$\dashv$		<u> </u>	<u> </u>	$\vdash$	$\vdash$	<u> </u>	<b> </b>	<u> </u>				_	_		_	Щ	_	_		
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	-	39	$\dashv$		_		_	_	<u> </u>	_		-		89	-	_		_		_	_	$\dashv$	
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	4		$\dashv$			$\vdash$		<u> </u>	├—	├-					_	-	_			-		_	_
43 93   44 94   45 95   46 96   47 97   48 98   49 99	+	41	-			<u> </u>		-	<u> </u>	$\vdash$	_	ŀ		91	-	$\dashv$	_	_		$\dashv$	_		
44 94   45 95   46 96   47 97   48 98   49 99	4					Н	_	_	_		_	-			-		$\dashv$	_	_		-		_
45 95   46 96   47 97   48 98   49 99	+				<u> </u>	L.,	Ь.	$\vdash$	$\vdash$	$\vdash \dashv$	<u> </u>	-					-			_	_		
46	-					_	Щ	_	$\vdash$	Н		-				_	_	_	-	_	4		
47 97 98 98 99 99 99 99 99 99 99 99 99 99 99	4				$\vdash$	$\vdash$	<u> </u>	<u> </u>	$\vdash$	Щ	_	-			4	4	_	_	_	_	_	_	_
48 98 99 99 99 99 99 99 99 99 99 99 99 99	4		$\dashv$		$\vdash$	$\vdash$	<u> </u>	Н	Н	_	-	-			_	_		_			_	$\dashv$	
49 99	4					$\vdash$		Щ	$\vdash$	Щ					ļ	_	$\dashv$	_	_		_		_
	4	48	4				_	L.							_	_	_					_	
100	4		4	_			$\vdash$	Ь.,		Ш				99		_					_	4	_
	_1	50						Ш				L		100							!		

Cl	aim	Date									
			П		Π						
Final	Original										
	101	L	<u> </u>	<u> </u>	L		L	L	L_		
	102	L	L.								
	101 102 103										
	104				<u> </u>	_	乚				
	104 105 106	_				<u> </u>				L	
	106	_	_	_	L	<u> </u>			_		
	107 108 109	<u> </u>	_	<u> </u>		_			_		
	108	_	L	ㄴ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ		
	109	<u> </u>	L	<u> </u>	_	┕		<u> </u>			
	110	<u> </u>	<u> </u>	↓_	<u> </u>	ļ	_	_	_	Ш	
	111	<u> </u>	╙	<u> </u>	<u> </u>	╙	<u> </u>	_	<u> </u>	_	
ļ	112	<u> </u>	⊢	├	$\vdash$	$\vdash$	├	├-	$\vdash$	Н	
$\vdash$	113	├-	<u> </u>	├-	<u> </u>	├-	├-	-	<u> </u>	Н	
	114	├	├	$\vdash$	-	├	$\vdash$	$\vdash$	$\vdash$	$\vdash$	
<u> </u>	112 113 114 115 116	⊢	├	-	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	Н	
$\vdash$	117	-	⊢	$\vdash$	$\vdash$	┝╌	-	┢	├	$\vdash$	
	118	-		├	⊢	$\vdash$	$\vdash$	-	⊢	Н	
-	119	-	-	├	⊢		⊢	├	$\vdash$	Н	
	120		-	├	⊢	┢	⊢	┝	-		
<b></b>	121		$\vdash$	┢	$\vdash$	-	-	├	╁	Н	
	122		-	<del> </del>	<del>                                     </del>		$\vdash$	$\vdash$	┢	Н	
Н	123	$\vdash$	$\vdash$	<u> </u>	-	-				Н	
	124	<del>                                     </del>	┪	$t^-$	一	$\vdash$	$\vdash$	$\vdash$	Т	Н	
	121 122 123 124 125 126 127 128	Г	_		$\vdash$		Т	П		П	
	126							П		П	
	127										
	128										
	129 130 131	L						L		Щ	
	130						L_	_		Щ	
	131			<u> </u>	ļ	_	╙	<u> </u>		Ш	
	132 133	_	<u> </u>	ļ		Н	$\vdash$	┡		Ы	
	133	<u> </u>	-	⊢	-	Н	┝	<u> </u>	<u> </u>	$\vdash$	
┝╌┤	134		├	$\vdash$	⊢	$\vdash$	$\vdash$	┝	├	$\vdash \vdash$	
	135 136	Н	$\vdash$	$\vdash$	$\vdash$		├		┝	$\vdash\vdash$	
$\vdash \vdash$	137	$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	├-	$\vdash$	<del>                                     </del>	$\vdash$	
	137 138	Н	$\vdash$	$\vdash$	$\vdash$	Н	$\vdash$	$\vdash$	$\vdash$	$\vdash$	
	139			$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	<u> </u>		
	140		Г	Г				m			
	141										
	142										
	143										
	144			匚		$\square$					
	145		L_	L							
igsqcut	146		_	<u> </u>		Ш	Щ.	Ш	_	Ш	
<b>  </b>	147	Ш	_	$\vdash$	Ш	Ш	<u> </u>	<u> </u>	Ш	Ш	
$\vdash$	148	ļļ	Ļ	L	_	Щ	$\vdash$	Ш	_	Ш	
	149	Щ		<u> </u>	_	Н				Щ	
	150					L				Ш	